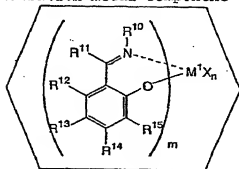


Fig. 1

## Transition metal component



$M'$ : transition metal atom of Group 4 or Group 5 of the periodic table

$m$ : 1 or 2

$R^{10}$ : hydrocarbon group having one or more heteroatoms

$R^{11}-R^{14}$ : hydrogen atom, hydrocarbon group or the like

$R^{15}$ : hydrocarbon group, hydrocarbon-substituted silyl group

$n$ : number satisfying a valence of  $M'$

$X$ : halogen atom, hydrocarbon group or the like

## Organometallic component

(Organometallic compound)

(Organoaluminum oxy-compound)

(Ionizing ionic compound)

Olefin living polymer

## Third component

(Carrier)

(Organic compound component)